

Linking the TFS data to SASS using Stata, SPSS, and SAS

Sample Stata Code

In merging restricted-use data files using the school control number (CNTLNUMS), both data files being merged must be sorted by the school control number prior to performing the merge. In the Stata code shown here (SPSS and SAS code shown below), words in *italics* are meant to be replaced by file or variable names that the user specifies.

```
use dataset1
sort CNTLNUMS
save dataset1, replace
use dataset2
sort CNTLNUMS
save dataset2, replace
merge CNTLNUMS using dataset1 /*merges the two files */
drop if _merge= =2 /*specifies dataset1 as unit of analysis*/
save newfilename, replace /*saves a new file keeping all dataset1 records and only
    matching dataset2 records*/
```

Sample SPSS Syntax

```
get file = 'dataset1.sav';

sort cases by CNTLNUMS(A);
save outfile = 'dataset1.sav';
get file = 'dataset2.sav';
sort cases by CNTLNUMS(A);
save outfile = 'dataset2.sav';
match files file = 'dataset1.sav' * merges the two files and specifies dataset1 as
    unit of analysis* /table 'dataset2' /by CNTLNUMS;
save outfile = 'mergeddatafile.sav'; *creates new merged filename*
```

Sample SAS Syntax

```
proc sort data = dataset1;
by CNTLNUMS;
run;
proc sort data = dataset2;
by CNTLNUMS;
run;
data newfilename; /*creates new merged file name*/
merge dataset1 (in=a) dataset2; /* merges the two files and specifies dataset1 as
    unit of analysis*/

by CNTLNUMS;
if a = 1; /*keeps all dataset1 records and only matching
    dataset2 records*/

run;
```